


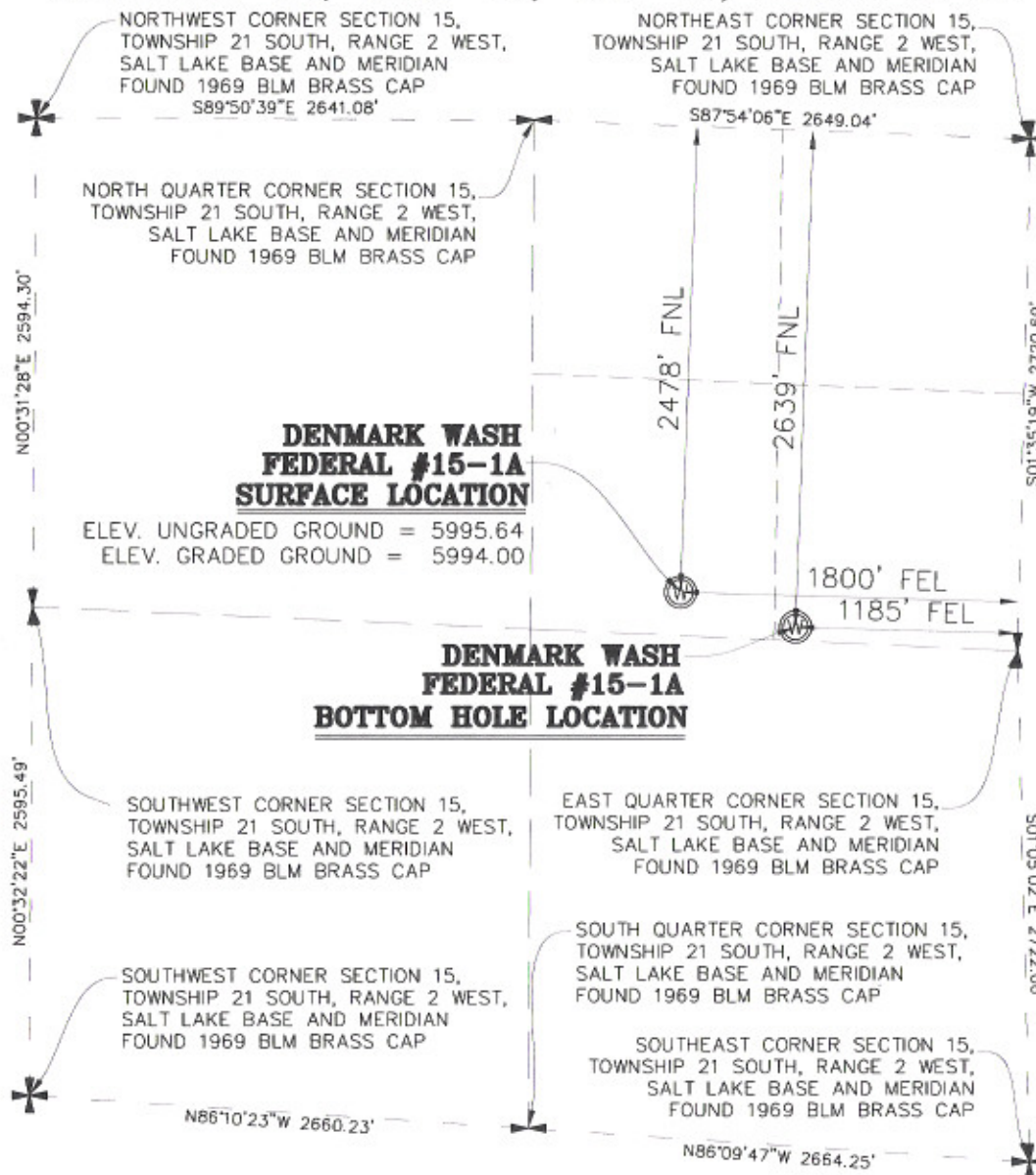
**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Denmark Wash Federal 15-1A		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> WILDCAT		
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>6. NAME OF OPERATOR</b> WOLVERINE OPERATING COMPANY OF UTAH, LLC				<b>7. OPERATOR PHONE</b> 435 896-1943		
<b>8. ADDRESS OF OPERATOR</b> One Riverfront Plaza, Grand Rapids, MI, 49503				<b>9. OPERATOR E-MAIL</b> ciron@wolvgas.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU 81397		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	2478 FNL 1800 FEL	SWNE	15	21.0 S	2.0 W	S
<b>Top of Uppermost Producing Zone</b>	2639 FNL 1185 FEL	SENE	15	21.0 S	2.0 W	S
<b>At Total Depth</b>	2639 FNL 1185 FEL	SENE	15	21.0 S	2.0 W	S
<b>21. COUNTY</b> SEVIER		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 2639		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 0		<b>26. PROPOSED DEPTH</b> MD: 16595 TVD: 16525		
<b>27. ELEVATION - GROUND LEVEL</b> 5994		<b>28. BOND NUMBER</b> WYB000616		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Salina City		
<b>ATTACHMENTS</b>						
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Charles Irons		<b>TITLE</b> Senior Landman		<b>PHONE</b> 435 896-1943		
<b>SIGNATURE</b>		<b>DATE</b> 05/18/2009		<b>EMAIL</b> ciron@wolvgas.com		
<b>API NUMBER ASSIGNED</b> 43041500010000		<b>APPROVAL</b>  Permit Manager				

# SECTION 15, T.21 S., R.2 W., S.L.B. & M.



## PROJECT

**WOLVERINE OPERATING COMPANY OF UTAH, LLC.**  
WELL LOCATION, LOCATED AS SHOWN  
IN THE SW 1/4 OF THE NE 1/4 OF  
SECTION 15, T.21 S., R.2 W., S.L.B. & M.  
SEVIER COUNTY, UTAH

## LEGEND



SECTION CORNER AS NOTED  
QUARTER CORNER AS NOTED  
PROPOSED WELL LOCATION

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT  
DENMARK WASH FEDERAL 15-1A WELL  
LOCATED IN THE SW 1/4 OF THE NE 1/4 OF  
SECTION 32, T.21 S., R.2 W., S.L.B. & M.  
SEVIER COUNTY, UTAH.

## BASIS OF ELEVATION

ELEVATION BASED ON USGS BENCH MARK #50  
LOCATED IN THE SE 1/4 OF SECTION 14 T.21 S.,  
R.2 W., S.L.B. & M.  
ELEVATION USED 5809.00

## NAD 27 CENTRAL ZONE (4302) UTAH STATE PLANE SURFACE LOCATION

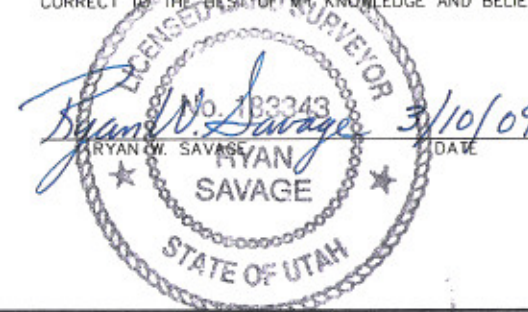
GRID NORTHING: 236642.060  
GRID EASTING: 1856111.010  
LATITUDE: 38°58'54.878" OR 38.98191056  
LONGITUDE: -112°00'22.101" OR -112.00613917

## BOTTOM HOLE LOCATION

GRID NORTHING: 236458.000  
GRID EASTING: 1856722.000  
LATITUDE: 38°58'53.092" OR 38.98141444  
LONGITUDE: -112°00'14.351" OR -112.00398639

## CERTIFICATE

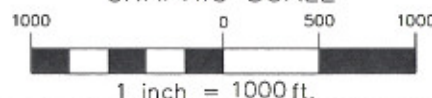
THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER  
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



## BASIS OF BEARING

BASIS OF BEARING USED WAS SOUTH 01°35'19"  
WEST BETWEEN THE NORTHEAST CORNER AND  
THE EAST QUARTER CORNERS OF SECTION 15,  
T.21 S., R.2 W., S.L.B. & M.

## GRAPHIC SCALE



Savage Surveying, Inc.

1925 South Industrial Park Rd.  
Richfield, UT 84701  
Office: 801-880-8835  
Fax: 801-880-0200



## LOCATION PLAT

**WOLVERINE OPERATING COMPANY OF UTAH, LLC.**

DESIGNED BY	DRAWN NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
---	03/10/09	1" = 1000'	03/10/09	0808-007S	1 OF 1
SURVEYED BY	CHECKED BY	DRAWN BY			
E.G.	R.W.S.	D.G.			